

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	413	(560/224).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/15 09:49
L2	3	"60208974"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L3	23752	glycidyl adj methacrylate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L4	18179	dioxolane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L5	23752	glycidyl adj methacrylate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L6	18179	dioxolane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L7	98	L5 same L6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L8	166338	ion adj exchange	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L9	98	L5 same L6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L10	166338	ion adj exchange	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L11	2	("6610895").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/15 09:49

## EAST Search History

L12	2	L9 same L10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L13	13	L9 and L10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L14	23752	glycidyl adj methacrylate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L15	18179	dioxolane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L16	98	L5 same L6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L17	166338	ion adj exchange	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L18	589	glyceryl adj methacrylate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L19	589	glyceryl adj methacrylate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L20	35	L6 and L19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L21	18179	dioxolane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L22	589	glyceryl adj methacrylate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L23	1	L6 same L19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:51

## EAST Search History

L24	18179	dioxolane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L25	589	glyceryl adj methacrylate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L26	5	"2003006417"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L27	8	"9007547"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L28	3	("7002035").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/15 10:53
L29	546	(523/106).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/15 10:53

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

\* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \*  
SESSION RESUMED IN FILE 'HOME' AT 07:59:53 ON 15 JUN 2007  
FILE 'HOME' ENTERED AT 07:59:53 ON 15 JUN 2007

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 08:00:06 ON 15 JUN 2007  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 14 JUN 2007 HIGHEST RN 937362-79-3  
DICTIONARY FILE UPDATES: 14 JUN 2007 HIGHEST RN 937362-79-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006.

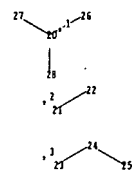
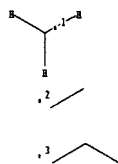
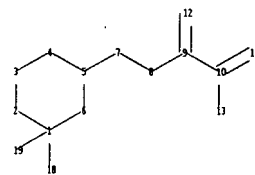
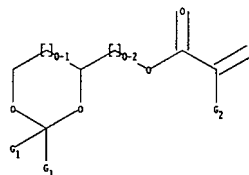
Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary  
files\10567361\10567361 core intermediate.str



chain nodes :

7 8 9 10 11 12 13 18 19 20 21 22 23 24 25 26 27 28

ring nodes :

1 2 3 4 5 6

chain bonds :

1-18 1-19 5-7 7-8 8-9 9-10 9-12 10-11 10-13 20-26 20-27 20-28 21-22  
23-24 24-25

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

1-2 1-6 1-18 1-19 2-3 3-4 4-5 5-6 7-8 8-9 9-12 10-13

exact bonds :

5-7 9-10 10-11 20-26 20-27 20-28 21-22 23-24 24-25

G1:[\*1],[\*2],[\*3]

G2:CH3,H

Hydrogen count :

4:>= minimum 2 11:>= minimum 2 20:>= minimum 3 21:>= minimum 2 22:>= minimum 3  
23:>= minimum 2 24:>= minimum 2 25:>= minimum 3

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS  
11:CLASS 12:CLASS 13:CLASS 18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS  
23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> search l1 sss sam

SAMPLE SEARCH INITIATED 08:00:36 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 1881 TO ITERATE

100.0% PROCESSED 1881 ITERATIONS

12 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 35019 TO 40221

PROJECTED ANSWERS: 33 TO 447

L2 12 SEA SSS SAM L1

=> d scan

L2 12 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

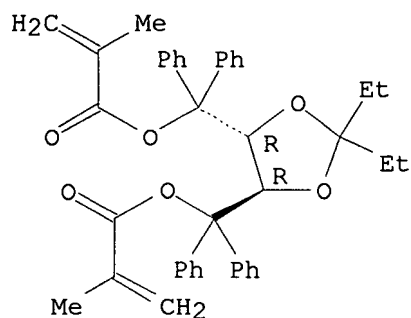
IN 2-Propenoic acid, 2-methyl-, (2,2-diethyl-1,3-dioxolane-4,5-  
diyl)bis(diphenylmethylene) ester, (2R-trans)-, homopolymer, isotactic  
(9CI)

MF (C41 H42 O6)x

CI PMS

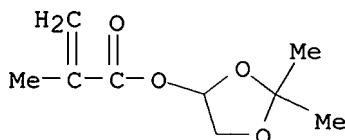
CM 1

Absolute stereochemistry. Rotation (-).

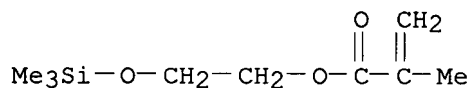


HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):12

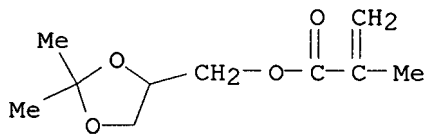
L2 12 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, 2-methyl-, 2,2-dimethyl-1,3-dioxolan-4-yl ester,  
 homopolymer (9CI)  
 MF (C9 H14 O4)x  
 CI PMS  
 CM 1



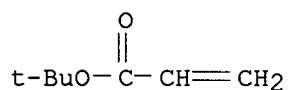
L2 12 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester,  
 polymer with 1,1-dimethylethyl 2-propenoate, 2-methyl-1,3-butadiene and  
 2-[(trimethylsilyl)oxy]ethyl 2-methyl-2-propenoate, tetrablock (9CI)  
 MF (C10 H16 O4 . C9 H18 O3 Si . C7 H12 O2 . C5 H8)x  
 CI PMS  
 CM 1



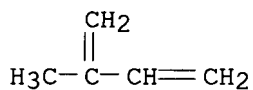
CM 2



CM 3

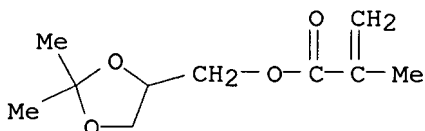


CM 4

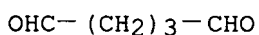


L2 12 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester,  
 polymer with methyl 2-methyl-2-propenoate, methyl 2-propenoate and  
 pentanedial (9CI)  
 MF (C10 H16 O4 . C5 H8 O2 . C5 H8 O2 . C4 H6 O2)x  
 CI PMS

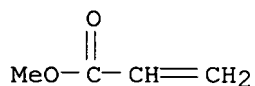
CM 1



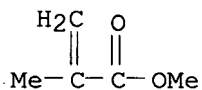
CM 2



CM 3



CM 4

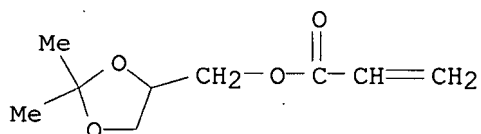


L2 12 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN Acrylic acid, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester, polymer with  
 2-vinylpyridine (8CI)  
 MF (C9 H14 O4 . C7 H7 N)x

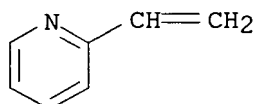


CI PMS

CM 1



CM 2



L2 12 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

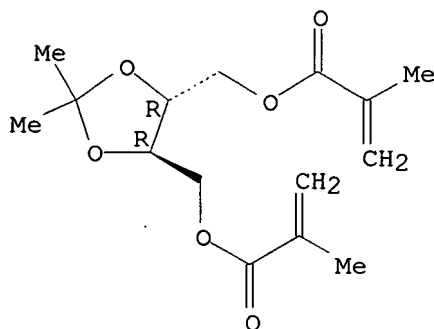
IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolane-4,5-diyl)bis(methylene) ester, (4R-trans)-, polymer with ethenylbenzene (9CI)

MF (C15 H22 O6 . C8 H8)x

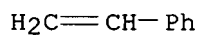
CI PMS

CM 1

Absolute stereochemistry.



CM 2



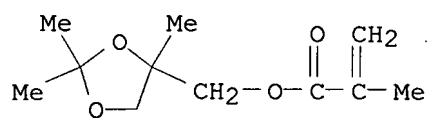
L2 12 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester, polymer with 2(or 3)-[(2-ethylhexyl)oxy]-1,?-propanediol mono(2-methyl-2-propenoate), (2,2,4-trimethyl-1,3-dioxolan-4-yl)methyl 2-methyl-2-propenoate and 1,2,3-propanetriol bis(2-methyl-2-propenoate) (9CI)

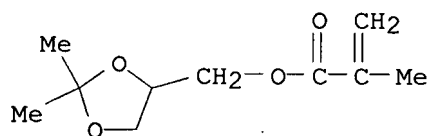
MF (C15 H28 O4 . C11 H18 O4 . C11 H16 O5 . C10 H16 O4)x

CI PMS

CM 1

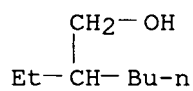


CM 2

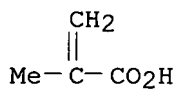


CM 3

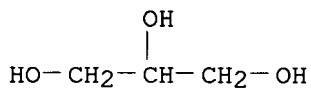
CM 4



CM 5

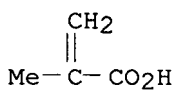


CM 6

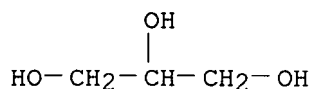


CM 7

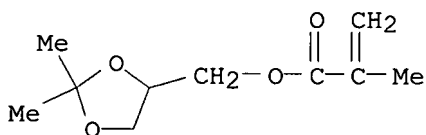
CM 8



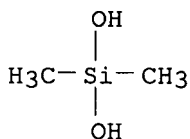
CM 9



L2 12 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester,  
 polymer with dimethylsilanediol, block (9CI)  
 MF (C10 H16 O4 . C2 H8 O2 Si)x  
 CI PMS  
 CM 1

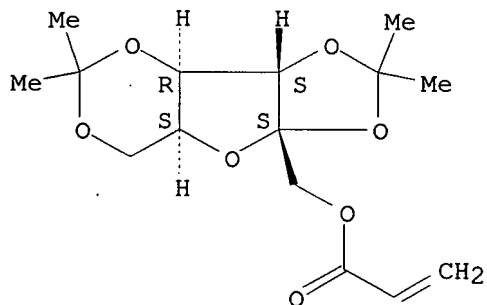


CM 2



L2 12 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN  $\alpha$ -L-Sorbofuranose, 2,3:4,6-bis-O-(1-methylethylidene)-, 2-propenoate  
 (9CI)  
 MF C15 H22 O7  
 CI COM

Absolute stereochemistry.

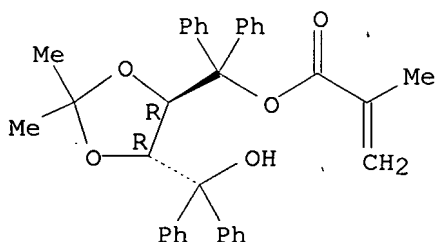


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 12 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, 2-methyl-, [(4R,5R)-5-(hydroxydiphenylmethyl)-2,2-

dimethyl-1,3-dioxolan-4-yl]diphenylmethyl ester (9CI)  
 MF C35 H34 O5

Absolute stereochemistry. Rotation (-).

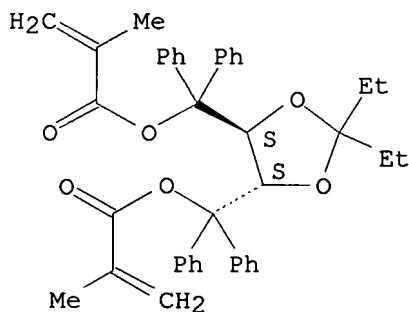


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

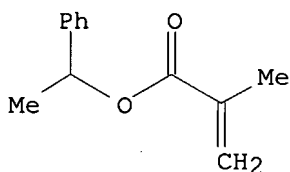
L2 12 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, 2-methyl-, (2,2-diethyl-1,3-dioxolane-4,5-  
 diyl)bis(diphenylmethylene) ester, trans-, polymer with 1-phenylethyl  
 2-methyl-2-propenoate (9CI)  
 MF (C41 H42 O6 . C12 H14 O2)x  
 CI PMS

CM 1

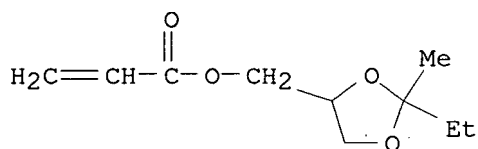
Relative stereochemistry.



CM 2



L2 12 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, (2-ethyl-2-methyl-1,3-dioxolan-4-yl)methyl ester  
 MF C10 H16 O4  
 CI COM



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

=> search l1 sss full

FULL SEARCH INITIATED 08:02:04 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 36943 TO ITERATE

100.0% PROCESSED 36943 ITERATIONS

265 ANSWERS

SEARCH TIME: 00.00.01

L3 265 SEA SSS FUL L1

=> d scan

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

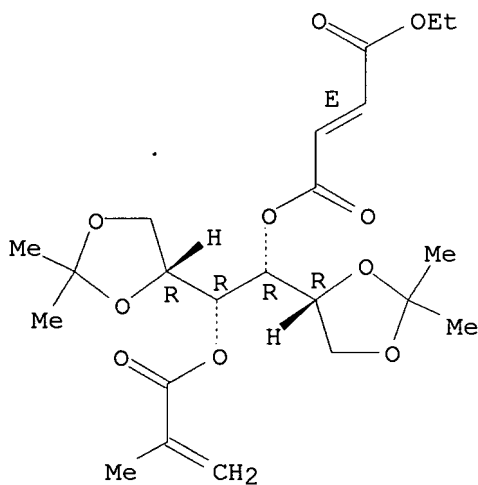
IN D-Mannitol, 1,2:5,6-bis-O-(1-methylethylidene)-, ethyl (2E)-2-butenedioate  
2-methyl-2-propenoate (9CI)

MF C22 H32 O10

CI COM

Absolute stereochemistry.

Double bond geometry as shown.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):30

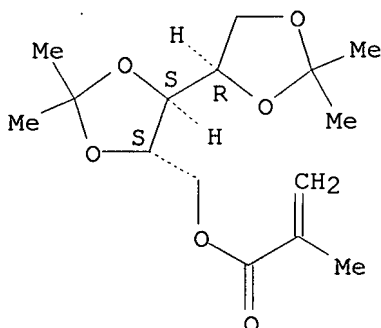
L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

IN Xylitol, 1,2:3,4-bis-O-(1-methylethylidene)-, 2-methyl-2-propenoate (9CI)

MF C15 H24 O6

CI COM

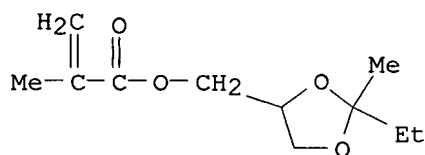
Relative stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

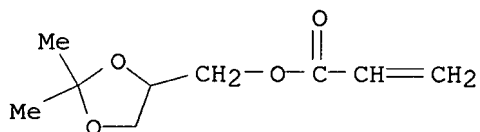
L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
IN 2-Propenoic acid, 2-methyl-, (2-ethyl-2-methyl-1,3-dioxolan-4-yl)methyl  
ester, homopolymer (9CI)  
MF (C11 H18 O4)x  
CI PMS

CM 1

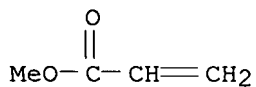


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
IN 2-Propenoic acid, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester, polymer  
with methyl 2-propenoate, block (9CI)  
MF (C9 H14 O4 . C4 H6 O2)x  
CI PMS

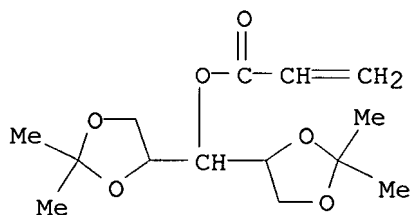
CM 1



CM 2

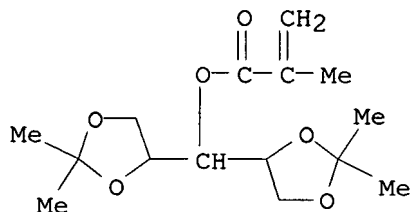


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN Xylitol, 1,2:4,5-bis-O-(1-methylethylidene)-, 2-propenoate (9CI)  
 MF C14 H22 O6



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

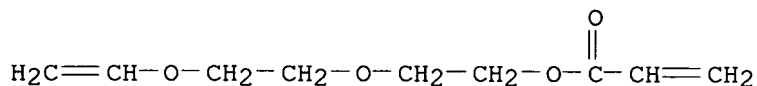
L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN Xylitol, 1,2:4,5-bis-O-(1-methylethylidene)-, 2-methyl-2-propenoate (9CI)  
 MF C15 H24 O6  
 CI COM



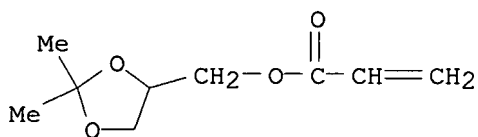
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester, polymer  
 with 2-[2-(ethenyloxy)ethoxy]ethyl 2-propenoate (9CI)  
 MF (C9 H14 O4 . C9 H14 O4)x  
 CI PMS

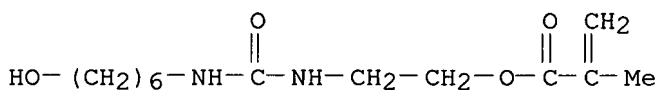
CM 1



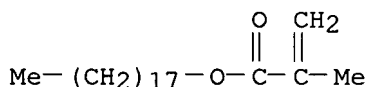
CM 2



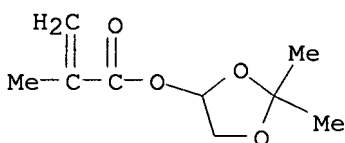
L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, 2-methyl-, 2,2-dimethyl-1,3-dioxolan-4-yl ester, polymer with 2-[[[(6-hydroxyhexyl)amino]carbonyl]amino]ethyl 2-methyl-2-propenoate and octadecyl 2-methyl-2-propenoate (9CI)  
 MF (C22 H42 O2 . C13 H24 N2 O4 . C9 H14 O4)x  
 CI PMS  
 CM 1



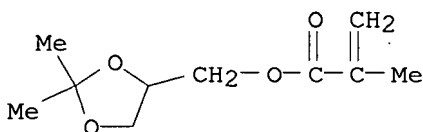
CM 2



CM 3

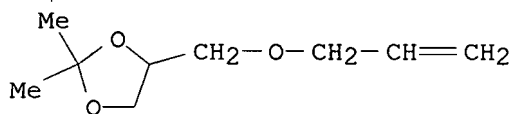


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester, polymer with 2,2-dimethyl-4-[(2-propenyloxy)methyl]-1,3-dioxolane, dodecyl 2-methyl-2-propenoate, 2-hydroxyethyl 2-methyl-2-propenoate, methyl 2-methyl-2-propenoate and 2-propenyl 2-methyl-2-propenoate (9CI)  
 MF (C16 H30 O2 . C10 H16 O4 . C9 H16 O3 . C7 H10 O2 . C6 H10 O3 . C5 H8 O2)x  
 CI PMS  
 CM 1

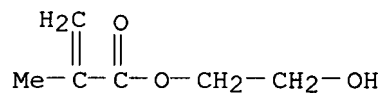




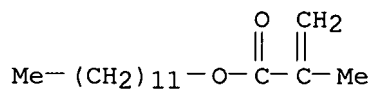
CM 2



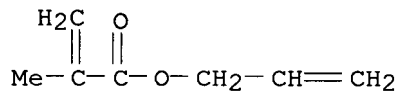
CM 3



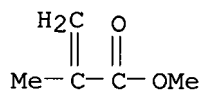
CM 4



CM 5

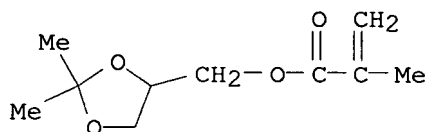


CM 6

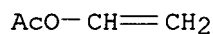


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester,  
polymer with ethenyl acetate, triblock (9CI)  
MF (C10 H16 O4 . C4 H6 O2)x  
CI PMS

CM 1

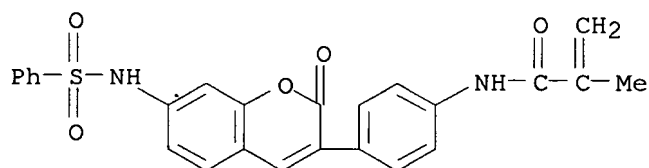


CM 2

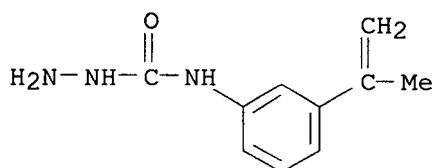


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester,  
polymer with N-[3-(1-methylethenyl)phenyl]hydrazinecarboxamide,  
2-methyl-N-[4-[2-oxo-7-[(phenylsulfonyl)amino]-2H-1-benzopyran-3-yl]phenyl]-2-propenamide and octadecyl 2-methyl-2-propenoate (9CI)  
MF (C25 H20 N2 O5 S . C22 H42 O2 . C10 H16 O4 . C10 H13 N3 O)x  
CI PMS

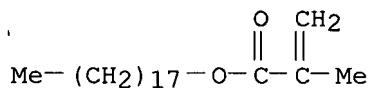
CM 1



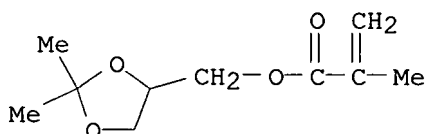
CM 2



CM 3

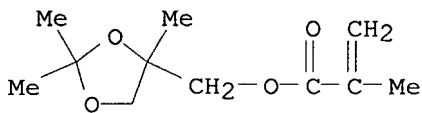


CM 4

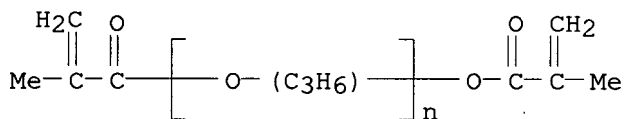


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester,  
polymer with dodecyl 2-methyl-2-propenoate, ethenyl acetate,

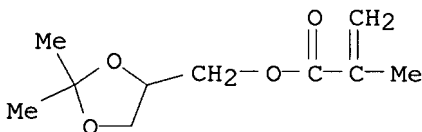
CM 1



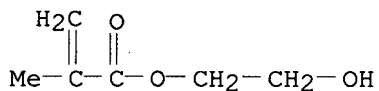
CM 2



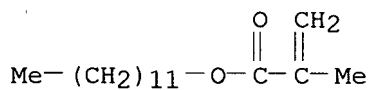
CM 3



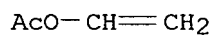
CM 4



CM 5

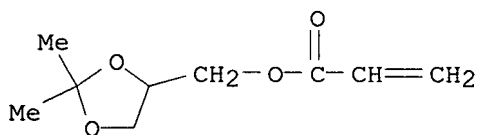


CM 6



L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester, polymer  
 with oxirane, graft (9CI)  
 MF (C9 H14 O4 . C2 H4 O)x  
 CI PMS, COM

CM 1



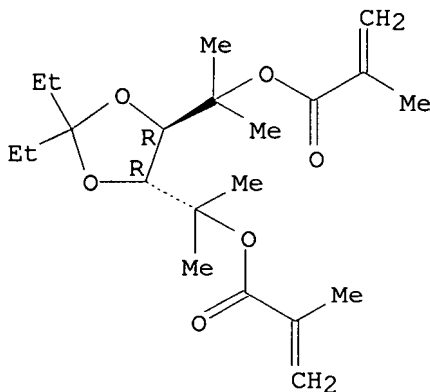
CM 2



L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN L-threo-Hexitol, 1,6-dideoxy-3,4-O-(1-ethylpropylidene)-2,5-di-C-methyl-,  
 bis(2-methyl-2-propenoate), homopolymer, isotactic (9CI)  
 MF (C21 H34 O6)x  
 CI PMS

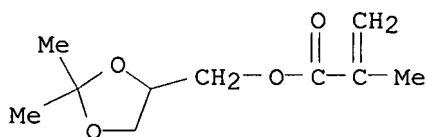
CM 1

Absolute stereochemistry. Rotation (-).



L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester,  
 polymer with silicic acid, graft (9CI)  
 MF (C10 H16 O4 . Unspecified)x  
 CI PMS

CM 1

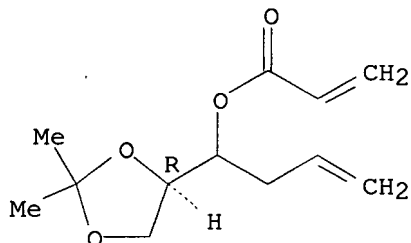


CM 2

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, 1-[(4R)-2,2-dimethyl-1,3-dioxolan-4-yl]-3-buten-1-yl  
 ester  
 MF C12 H18 O4

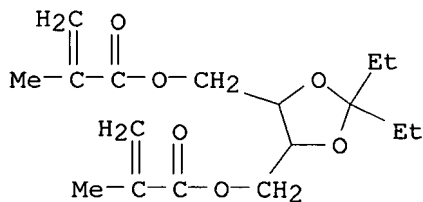
Absolute stereochemistry.



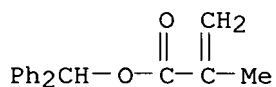
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, 2-methyl-, (2,2-diethyl-1,3-dioxolane-4,5-  
 diyl)bis(methylene) ester, polymer with diphenylmethyl  
 2-methyl-2-propenoate (9CI)  
 MF (C17 H26 O6 . C17 H16 O2)x  
 CI PMS

CM 1

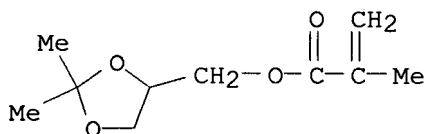


CM 2

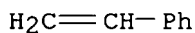


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester,  
 polymer with ethenylbenzene (9CI)  
 MF (C10 H16 O4 . C8 H8)x  
 CI PMS

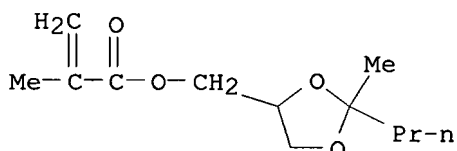
CM 1



CM 2



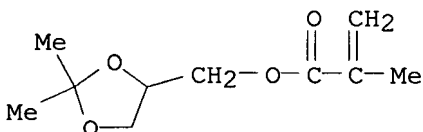
L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, 2-methyl-, (2-methyl-2-propyl-1,3-dioxolan-4-yl)methyl  
 ester (9CI)  
 MF C12 H20 O4  
 CI COM



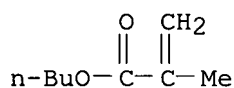
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, 2-methyl-, butyl ester, polymer with  
 (2,2-dimethyl-1,3-dioxolan-4-yl)methyl 2-methyl-2-propenoate, block (9CI)  
 MF (C10 H16 O4 . C8 H14 O2)x  
 CI PMS

CM 1



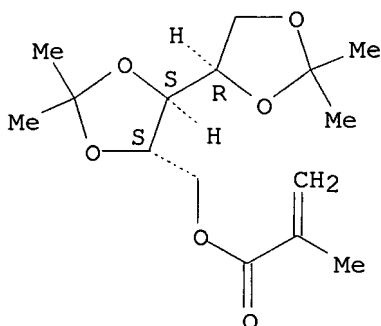
CM 2



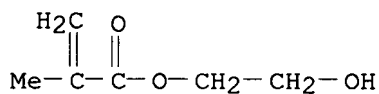
L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN Xylitol, 1,2:3,4-bis-O-(1-methylethylidene)-, 2-methyl-2-propenoate,  
 polymer with 1,2-ethanediyl bis(2-methyl-2-propenoate), 2-hydroxyethyl  
 2-methyl-2-propenoate and methyl 2-methyl-2-propenoate (9CI)  
 MF (C15 H24 O6 . C10 H14 O4 . C6 H10 O3 . C5 H8 O2)x  
 CI PMS

CM 1

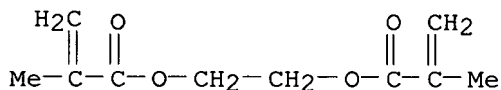
Relative stereochemistry.



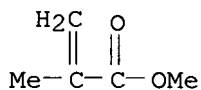
CM 2



CM 3



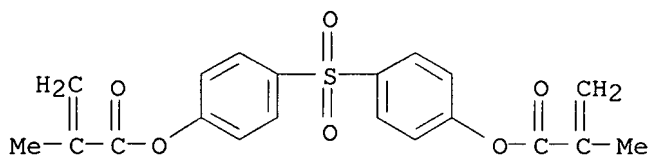
CM 4



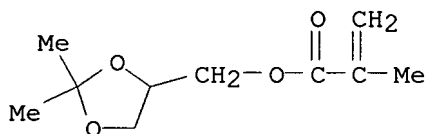
L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester,  
 polymer with 2-hydroxyethyl 2-methyl-2-propenoate, methyl  
 2-methyl-2-propenoate and sulfonyldi-4,1-phenylene bis(2-methyl-2-

propenoate) (9CI)  
 MF (C20 H18 O6 S . C10 H16 O4 . C6 H10 O3 . C5 H8 O2)x  
 CI PMS

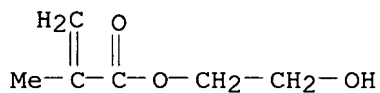
CM 1



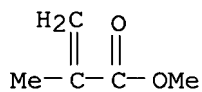
CM 2



CM 3



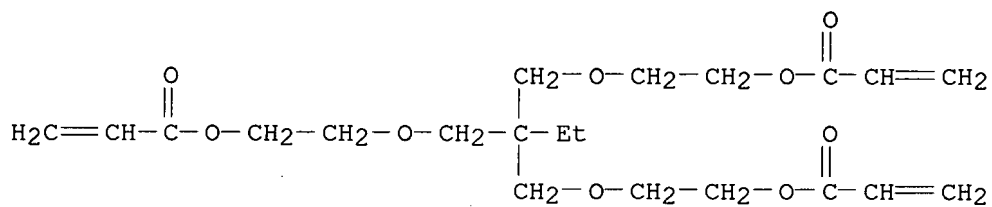
CM 4



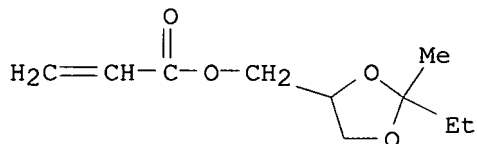
L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, [2-ethyl-2-[[2-[(1-oxo-2-propenyl)oxy]ethoxy]methyl]-1,3-propanediyl]bis(oxy-2,1-ethanediyl) ester, polymer with (chloromethyl)oxirane polymer with 4,4'-(1-methylethylidene)bis[phenol] di-2-propenoate, and (2-ethyl-2-methyl-1,3-dioxolan-4-yl)methyl 2-propenoate (9CI)  
 MF (C21 H32 O9 . (C15 H16 O2 . C3 H5 Cl O)x . C10 H16 O4 . 2 C3 H4 O2)x  
 CI PMS

CM 1



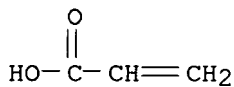


CM 2



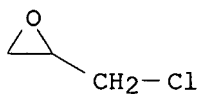
CM 3

CM 4

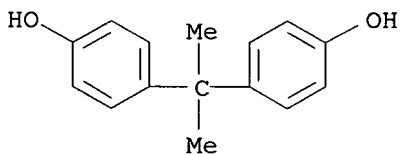


CM 5

CM 6

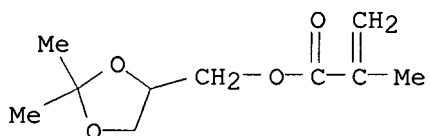


CM 7

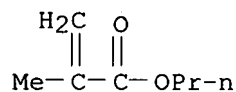


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester,  
 polymer with propyl 2-methyl-2-propenoate (9CI)  
 MF (C10 H16 O4 . C7 H12 O2)x  
 CI PMS

CM 1



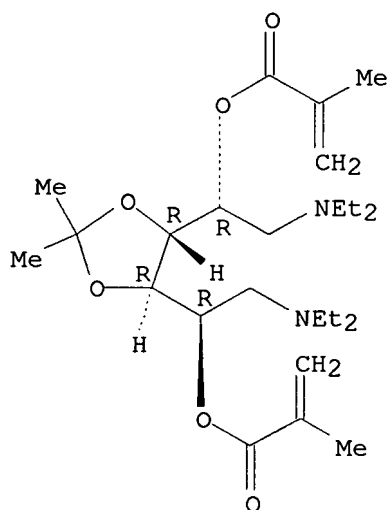
CM 2



L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN D-Mannitol, 1,6-dideoxy-1,6-bis(diethylamino)-3,4-O-(1-methylethylidene)-,  
 2,5-bis(2-methyl-2-propenoate), homopolymer (9CI)  
 MF (C25 H44 N2 O6)x  
 CI PMS

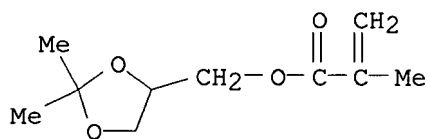
CM 1

Absolute stereochemistry.

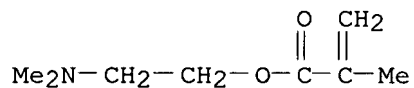


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymer with  
 (2,2-dimethyl-1,3-dioxolan-4-yl)methyl 2-methyl-2-propenoate (9CI)  
 MF (C10 H16 O4 . C8 H15 N O2)x  
 CI PMS

CM 1

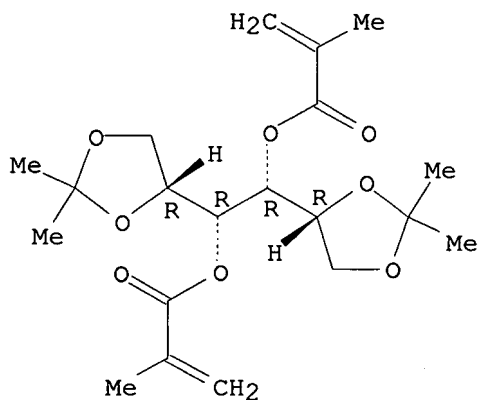


CM 2



L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN D-Mannitol, 1,2:5,6-bis-O-(1-methylethylidene)-, bis(2-methyl-2-propenoate) (9CI)  
 MF C20 H30 O8  
 CI COM

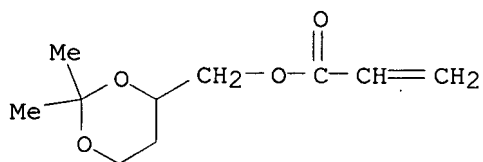
Absolute stereochemistry.



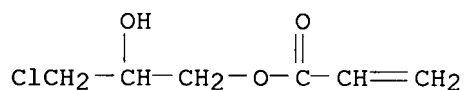
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, 3-chloro-2-hydroxypropyl ester, polymer with  
 (2,2-dimethyl-1,3-dioxan-4-yl)methyl 2-propenoate (9CI)  
 MF (C10 H16 O4 . C6 H9 Cl O3)x  
 CI PMS

CM 1

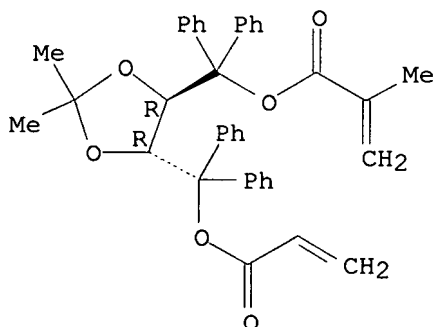


CM 2



L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, 2-methyl-, [(4R,5R)-2,2-dimethyl-5-[[[(1-oxo-2-propenyl)oxy]diphenylmethyl]-1,3-dioxolan-4-yl]diphenylmethyl ester (9CI)  
 MF C38 H36 O6

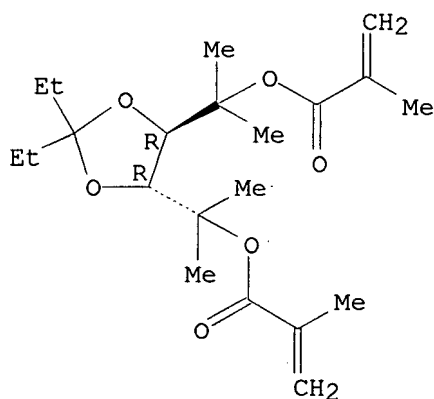
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN L-threo-Hexitol, 1,6-dideoxy-3,4-O-(1-ethylpropylidene)-2,5-di-C-methyl-, bis(2-methyl-2-propenoate) (9CI)  
 MF C21 H34 O6  
 CI COM

Absolute stereochemistry. Rotation (-).



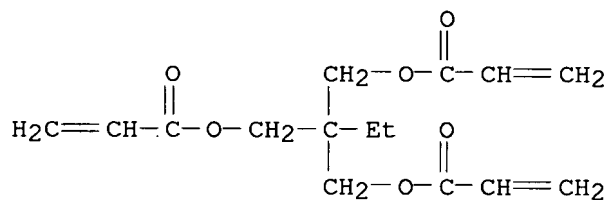
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, 2-methyl-, 2-(diethylamino)ethyl ester, polymer with  
 Aronix M 6420X, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl 2-propenoate and  
 2-ethyl-2-[[[(1-oxo-2-propenyl)oxy]methyl]-1,3-propanediyl di-2-propenoate  
 (9CI)  
 MF (C15 H20 O6 . C10 H19 N O2 . C9 H14 O4 . Unspecified)x  
 CI PMS

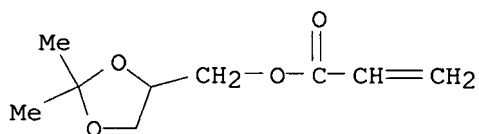
CM 1

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

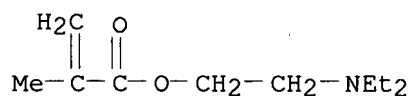
CM 2



CM 3



CM 4



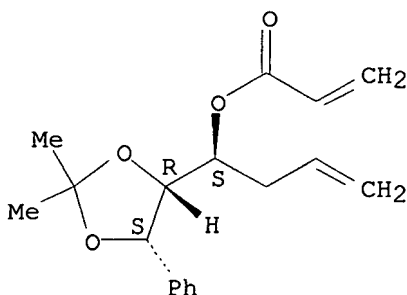
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):20

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

IN 2-Propenoic acid, (1S)-1-[(4R,5S)-2,2-dimethyl-5-phenyl-1,3-dioxolan-4-yl]-3-buten-1-yl ester

MF C18 H22 O4

Absolute stereochemistry. Rotation (+).



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

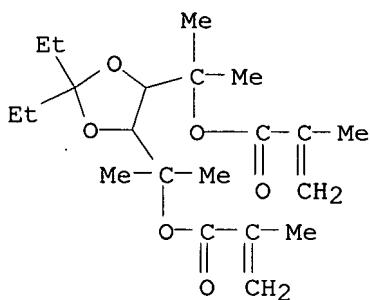
L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

IN Hexitol, 1,6-dideoxy-3,4-O-(1-ethylpropylidene)-2,5-di-C-methyl-, bis(2-methyl-2-propenoate), polymer with 1-phenylethyl 2-methyl-2-propenoate (9CI)

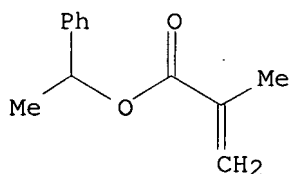
MF (C21 H34 O6 . C12 H14 O2)x

CI PMS

CM 1

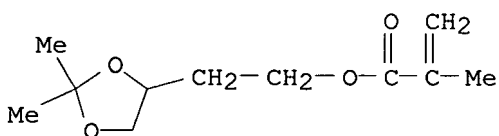


CM 2

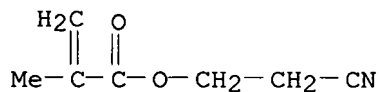


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, 2-methyl-, 2-cyanoethyl ester, polymer with  
 2-(2,2-dimethyl-1,3-dioxolan-4-yl)ethyl 2-methyl-2-propenoate (9CI)  
 MF (C11 H18 O4 . C7 H9 N O2)x  
 CI PMS

CM 1

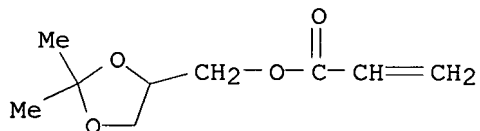


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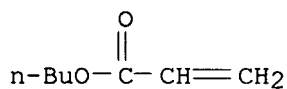


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, butyl ester, polymer with (2,2-dimethyl-1,3-dioxolan-4-yl)methyl 2-propenoate (9CI)  
 MF (C9 H14 O4 . C7 H12 O2)x  
 CI PMS

CM 1



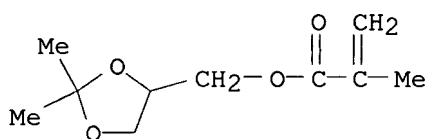
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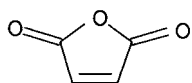
L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester,  
polymer with ethenylbenzene, 2,5-furandione and 2-methylpropyl  
2-propenoate (9CI)  
MF (C10 H16 O4 . C8 H8 . C7 H12 O2 . C4 H2 O3)x  
CI PMS, COM

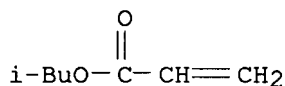
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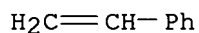
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CM 3



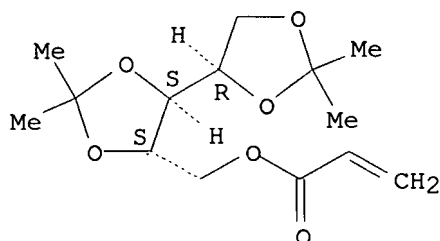
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L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
IN Xylitol, 1,2:3,4-bis-O-(1-methylethylidene)-, 2-propenoate, polymer with  
1,2-ethanediyl bis(2-methyl-2-propenoate), 2-hydroxyethyl  
2-methyl-2-propenoate and methyl 2-methyl-2-propenoate (9CI)  
MF (C14 H22 O6 . C10 H14 O4 . C6 H10 O3 . C5 H8 O2)x  
CI PMS

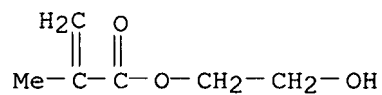
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Relative stereochemistry.

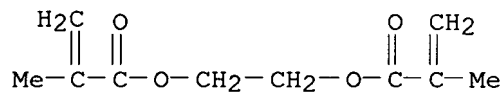




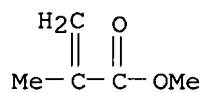
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CM 3

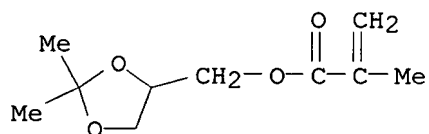


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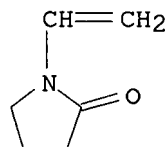


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester,  
polymer with 1-ethenyl-2-pyrrolidinone and methyl 2-methyl-2-propenoate  
(9CI)  
MF (C10 H16 O4 . C6 H9 N O . C5 H8 O2)x  
CI PMS

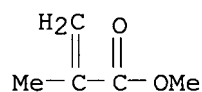
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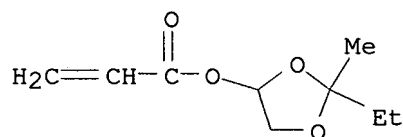


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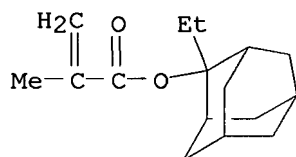


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, 2-methyl-, 2-ethyltricyclo[3.3.1.1<sup>3,7</sup>]dec-2-yl ester,  
 polymer with 2-ethyl-2-methyl-1,3-dioxolan-4-yl 2-propenoate and  
 3-hydroxytricyclo[3.3.1.1<sup>3,7</sup>]dec-1-yl 2-methyl-2-propenoate (9CI)  
 MF (C16 H24 O2 . C14 H20 O3 . C9 H14 O4)x  
 CI PMS

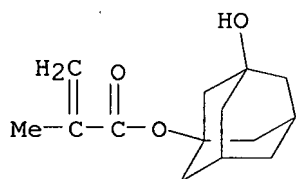
CM 1



CM 2

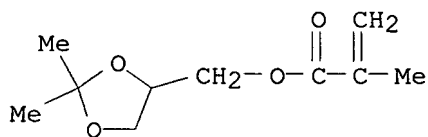


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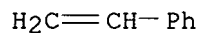


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester,  
 polymer with ethenylbenzene, block (9CI)  
 MF (C10 H16 O4 . C8 H8)x  
 CI PMS

CM 1

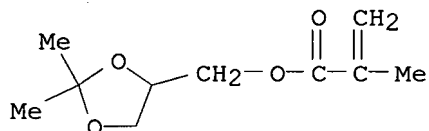


CM 2

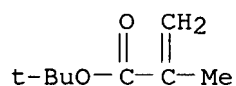


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester,  
 polymer with 1,1-dimethylethyl 2-methyl-2-propenoate and 2-propenyl  
 2-methyl-2-propenoate (9CI)  
 MF (C10 H16 O4 . C8 H14 O2 . C7 H10 O2)x  
 CI PMS

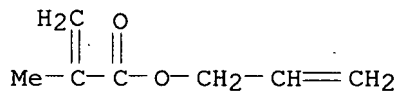
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CM 2

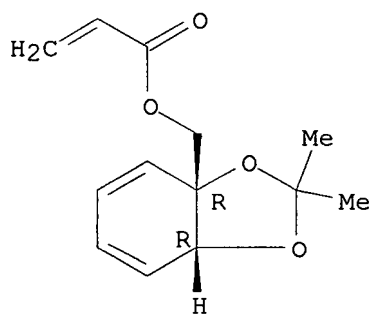


CM 3



L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, [(3aR,7aR)-2,2-dimethyl-1,3-benzodioxol-3a(7aH)-  
 yl)methyl ester (9CI)  
 MF C13 H16 O4

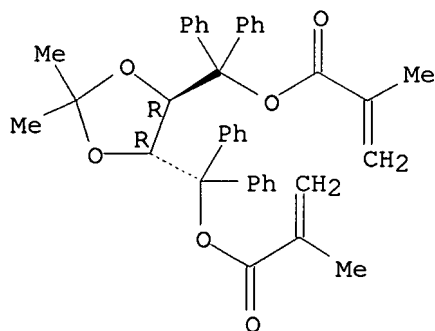
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, 2-methyl-, [(4S,5S)-2,2-dimethyl-1,3-dioxolane-4,5-diyl]bis(diphenylmethylene) ester (9CI)  
 MF C39 H38 O6  
 CI COM

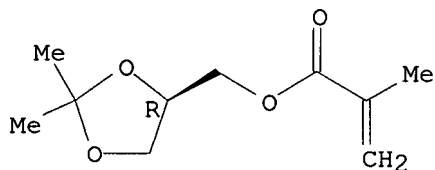
Absolute stereochemistry. Rotation (-).



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, 2-methyl-, [(4R)-2,2-dimethyl-1,3-dioxolan-4-yl]methyl ester (9CI)  
 MF C10 H16 O4  
 CI COM

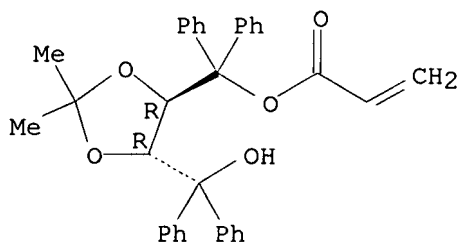
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, [(4R,5R)-5-(hydroxydiphenylmethyl)-2,2-dimethyl-1,3-dioxolan-4-yl]diphenylmethyl ester (9CI)  
 MF C34 H32 O5

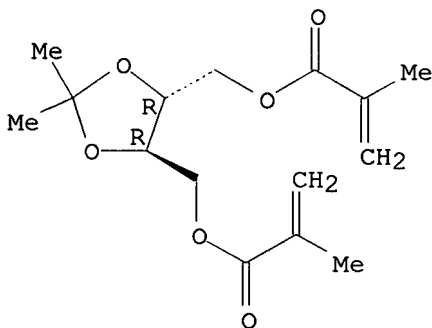
Absolute stereochemistry. Rotation (-).



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

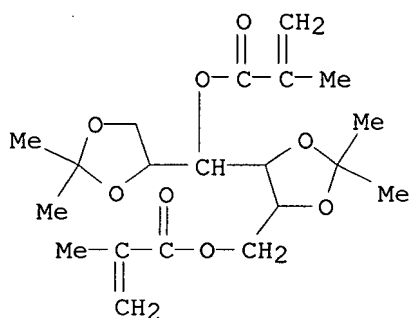
L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolane-4,5-diyl)bis(methylene) ester, (4R-trans)- (9CI)  
 MF C15 H22 O6  
 CI COM

Absolute stereochemistry.



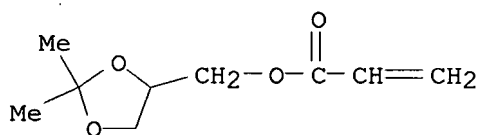
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN Galactitol, 1,2:4,5-bis-O-(1-methylethylidene)-, bis(2-methyl-2-propenoate) (9CI)  
 MF C20 H30 O8

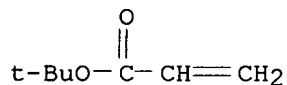


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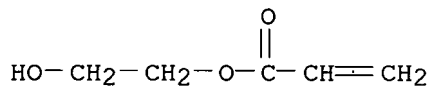
L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester, polymer  
 with 1,1-dimethylethyl 2-propenoate and 2-hydroxyethyl 2-propenoate, block  
 (9CI)  
 MF (C9 H14 O4 . C7 H12 O2 . C5 H8 O3)x  
 CI PMS  
 CM 1



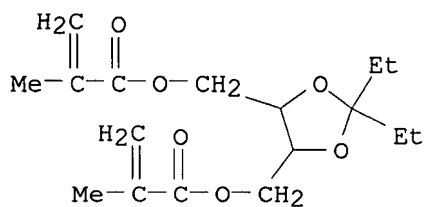
CM 2



CM 3



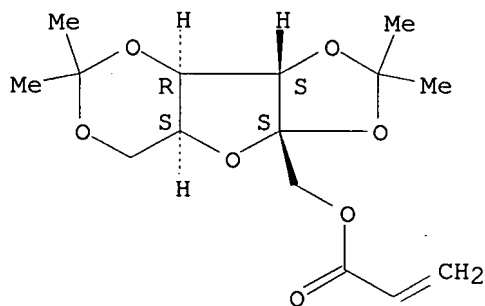
L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, 2-methyl-, (2,2-diethyl-1,3-dioxolane-4,5-  
 diyl)bis(methylene) ester (9CI)  
 MF C17 H26 O6  
 CI COM



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN  $\alpha$ -L-Sorbofuranose, 2,3:4,6-bis-O-(1-methylethylidene)-, 2-propenoate  
 (9CI)  
 MF C15 H22 O7  
 CI COM

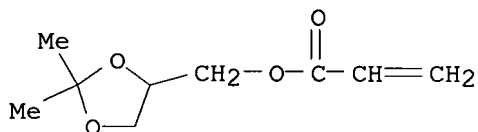
Absolute stereochemistry.



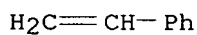
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 2-Propenoic acid, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester, polymer  
 with ethenylbenzene (9CI)  
 MF (C9 H14 O4 . C8 H8)x  
 CI PMS

CM 1



CM 2



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> save temp l3 rawfnds/a

ANSWER SET L3 HAS BEEN SAVED AS 'RAWFND/A'

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

173.90

174.11

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FILE COVERS 1907 - 15 Jun 2007 VOL 146 ISS 25

FILE LAST UPDATED: 13 Jun 2007 (20070613/ED)

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<http://www.cas.org/infopolicy.html>

=> 13

L4 203 L3

=> ion exchange

1206678 ION

745060 IONS

1595277 ION

(ION OR IONS)

580521 EXCHANGE

17561 EXCHANGES

588999 EXCHANGE

(EXCHANGE OR EXCHANGES)

L5 139554 ION EXCHANGE

(ION (W) EXCHANGE)

=> 14 and 15

L6 4 L4 AND L5

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L6 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN

TI Telechelic oligo(2,3-dihydroxypropyl methacrylate acetonide)s with aldehyde end functionality prepared by ozonolytic cleavage of poly(2,3-dihydroxypropan-1-methacrylate acetonide-stat-butadiene), prepared by monomer starve-fed emulsion polymerization

AN 2004:164927 CAPLUS

DN 141:71896

TI Telechelic oligo(2,3-dihydroxypropyl methacrylate acetonide)s with aldehyde end functionality prepared by ozonolytic cleavage of



poly(2,3-dihydroxypropan-1-methacrylate acetonide-stat-butadiene), prepared by monomer starve-fed emulsion polymerization

AU Liu, Zuifang; Ebdon, John; Rimmer, Stephen

CS Department of Chemistry (The Polymer Centre), Polymer and Biomaterials Chemistry Laboratories, University of Sheffield, Sheffield, S3 7HF, UK

SO Reactive & Functional Polymers (2004), 58(3), 213-224  
CODEN: RFPOF6; ISSN: 1381-5148

PB Elsevier Science B.V.

DT Journal

LA English

AB Telechelic oligomers with dialdehyde end groups and 2,3-dihydroxypropan-1-methacrylate acetonide repeat units were prepared by the ozonolytic cleavage of poly(2,3-dihydroxypropan-1-methacrylate acetonide-stat-butadiene) copolymers. The latter were prepared by monomer starve-fed emulsion polymerization

at elevated temps. and at atmospheric pressure. In contrast to similar copolymns. of Me and Bu methacrylate these polymns. generated a gel fraction as well as the usual soluble copolymer. However, following ozonolysis and work up with di-Me sulfide the whole reaction mixture became soluble. Impurities derived from oligomers with carboxylic acid end groups were removed by preparative ion exchange with a strong base ion exchange resin. The oligomers have potential applications as components of amphiphilic networks.

RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN

TI Preparation of polymerizable diol from ketal compound with immobilized acid catalyst

AN 2000:756657 CAPLUS

DN 133:335625

TI Preparation of polymerizable diol from ketal compound with immobilized acid catalyst

IN Holdstock, Barry Charles; Glasbey, Trevor Owen

PA Hydron Ltd., UK

SO PCT Int. Appl., 28 pp.  
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000063150	A1	20001026	WO 2000-GB780	20000303
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GB 2348879	A	20001018	GB 1999-8808	A 19990416
GB 2348879	B	20040331	GB 1999-8808	19990416
CA 2367370	A1	20001026	CA 2000-2367370	20000303
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			WO 2000-GB780	W 20000303
EP 1171411	A1	20020116	EP 2000-907794	20000303
EP 1171411	B1	20050112		
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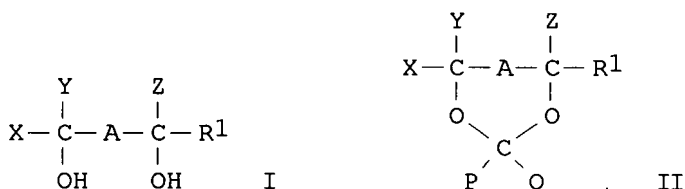
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			WO 2000-GB780	W	20000303

PATENT FAMILY INFORMATION:

FAN 2000:756656

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000063149	A1	20001026	WO 2000-GB765	20000303
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AT 284377	T	20041215	WO 2000-GB765	W 20000303
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			WO 2000-GB765	W 20000303
US 2002042546	A1	20020411	US 2001-977881	20011015
US 6610895	B2	20030826		
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			GB 1999-8808	A 19990416
			WO 2000-GB765	W 20000303

GI



AB The polymerizable monomer I (such as glycerin methacrylate) is prepared by

contacting a compound II [such as (2,2-dimethyl-1,3-dioxolan-4-yl)methyl methacrylate] with an immobilized acid (such as an ion exchange resin), wherein X, Y, Z, R1, P and Q are independently selected from a hydrocarbon group or hydrogen and wherein A is (CH<sub>2</sub>)<sub>n</sub> wherein n is 0 or 1, and neutralizing the product to form crosslinking.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Preparation of polymerizable diol from ketal compound with immobilized acid  
AN 2000:756656 CAPLUS  
DN 133:335624  
TI Preparation of polymerizable diol from ketal compound with immobilized acid  
IN Holstock, Barry C.; Glasbey, Trevor Owen  
PA Hydron Ltd., UK  
SO PCT Int. Appl., 31 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000063149	A1	20001026	WO 2000-GB765	20000303
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
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CA 2367028	A1	20001026	CA 2000-2367028	20000303
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			WO 2000-GB765	W 20000303
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EP 1171410	B1	20041208		
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			WO 2000-GB765	W 20000303
JP 2002542215	T	20021210	JP 2000-612246	20000303
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			WO 2000-GB765	W 20000303

PATENT FAMILY INFORMATION:

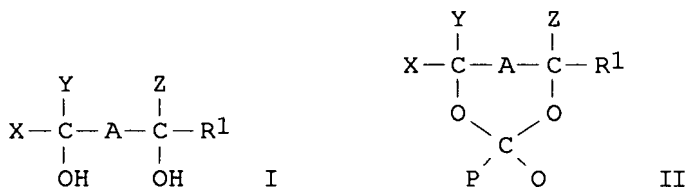
FAN 2000:756657

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000063150	A1	20001026	WO 2000-GB780	20000303
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 IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,  
 MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,  
 SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM,  
 AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,  
 DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,  
 CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

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GB 2348879	A	20001018	GB 1999-8808		19990416
GB 2348879	B	20040331			
CA 2367370	A1	20001026	CA 2000-2367370		20000303
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EP 1171411	A1	20020116	EP 2000-907794		20000303
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			WO 2000-GB780	W	20000303
JP 2002542216	T	20021210	JP 2000-612247		20000303
			GB 1999-8808	A	19990416
			WO 2000-GB780	W	20000303
AT 286869	T	20050115	AT 2000-907794		20000303
			GB 1999-8808	A	19990416
			WO 2000-GB780	W	20000303
US 2002042549	A1	20020411	US 2001-977880		20011015
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OS MARPAT 133:335624  
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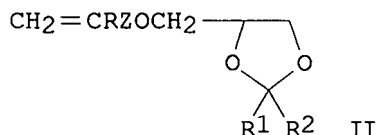


AB The polymerizable monomer I (such as glycerin methacrylate) is prepared by contacting a compound II [such as (2,2-dimethyl-1,3-dioxolan-4-yl)methyl methacrylate] with an immobilized acid (such as an ion exchange resin), wherein X, Y, Z, R<sup>1</sup>, P and Q are independently selected from a hydrocarbon group or hydrogen and wherein A is (CH<sub>2</sub>)<sub>n</sub> wherein n is 0 or 1.

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN  
 TI Unsaturated compounds having 1,3-dioxolane rings  
 AN 1986:168451 CAPLUS  
 DN 104:168451  
 TI Unsaturated compounds having 1,3-dioxolane rings  
 IN Shimizu, Yoshiji; Fukuda, Masao  
 PA Shimizu, Shoji, Inc., Japan  
 SO Jpn. Kokai Tokkyo Koho, 5 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese

FAN.CNT 1		PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 60208974	A	19851021	JP 1984-64895	19840331	
GI				JP 1984-64895	19840331	



AB Treating glycidyl (meth)acrylate or (meth)allyl glycidyl ether with a lower aliphatic ketone, in the presence of silicotungstic acid (I), phosphotungstic acid, polyphosphoric acids, F<sub>3</sub>CSO<sub>3</sub>H, or strongly acidic ion exchange resins, gave the dithiolanes II (R = H, Me; R<sub>1</sub>, R<sub>2</sub> = lower alkyl; Z = CH<sub>2</sub>, CO), which could be polymerized to give modifiers for adhesives, photosensitive materials, etc. Thus, glycidyl methacrylate was added dropwise (in 1 h) to acetone containing I at ≤50° and the resulting solution neutralized to give 85% II (R = R<sub>1</sub> = R<sub>2</sub> = Me; Z = CO).

=>

=> file reg

COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
41.93	216.04

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE ENTRY	TOTAL SESSION
-3.12	-3.12

CA SUBSCRIBER PRICE

FILE 'REGISTRY' ENTERED AT 08:18:59 ON 15 JUN 2007  
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STRUCTURE FILE UPDATES: 14 JUN 2007 HIGHEST RN 937362-79-3  
 DICTIONARY FILE UPDATES: 14 JUN 2007 HIGHEST RN 937362-79-3

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TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> e glycidyl methacrylate/cn

E1	1	GLYCIDYL MALEATE/CN
E2	1	GLYCIDYL MESYLATE/CN
E3	1 -->	GLYCIDYL METHACRYLATE/CN
E4	1	GLYCIDYL METHACRYLATE BENZALDEHYDE ACETAL/CN
E5	1	GLYCIDYL METHACRYLATE COPOLYMER WITH ETHYLENE DIMETHACRYLATE /CN
E6	1	GLYCIDYL METHACRYLATE HOMOPOLYMER/CN
E7	1	GLYCIDYL METHACRYLATE HOMOPOLYMER 2,4-DINITROBENZOATE/CN
E8	1	GLYCIDYL METHACRYLATE HOMOPOLYMER 2-THIOPHENECARBOXYLATE/CN
E9	1	GLYCIDYL METHACRYLATE HOMOPOLYMER 3,5-DINITRO-P-TOLUATE/CN
E10	1	GLYCIDYL METHACRYLATE HOMOPOLYMER 3,5-DINITROBENZOATE/CN
E11	1	GLYCIDYL METHACRYLATE HOMOPOLYMER 3-CARBOXYDIPHENYL SULFIDE ESTER/CN
E12	1	GLYCIDYL METHACRYLATE HOMOPOLYMER 4-IODOBENZOATE/CN

=> e3

L7 1 "GLYCIDYL METHACRYLATE"/CN

=> d 17

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN

RN 106-91-2 REGISTRY

ED Entered STN: 16 Nov 1984

CN 2-Propenoic acid, 2-methyl-, 2-oxiranylmethyl ester (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Propenoic acid, 2-methyl-, oxiranylmethyl ester (9CI)

CN Methacrylic acid, 2,3-epoxypropyl ester (6CI, 7CI, 8CI)

OTHER NAMES:

CN (±)-Glycidyl methacrylate

CN 2,3-Epoxypropyl methacrylate

CN 2-Methylacrylic acid oxiranylmethyl ester

CN 2-[(Methacryloyloxy)methyl]oxirane

CN 3-Methacryloyloxy-1,2-epoxypropane

CN Acryester G

CN Blemmer G

CN Blemmer GH-LC

CN Blemmer GMA

CN Blemmer GP

CN Blemmer GS

CN Epoxypropyl methacrylate

CN Glycidol methacrylate

CN Glycidyl α-methylacrylate

CN Glycidyl methacrylate

CN Light Ester G

CN Methacryloyloxymethyloxirane

CN NSC 24156

CN NSC 67195

CN Sartomer 379

CN SR 379

CN SY-Monomer G

DR 865699-83-8, 122785-80-2, 126872-19-3, 55279-88-4, 96778-02-8, 98104-93-9, 89678-75-1, 117955-24-5, 169957-95-3, 201732-55-0, 203300-26-9, 210093-72-4

MF C7 H10 O3

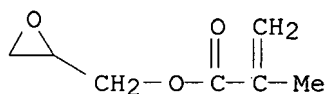
CI COM

LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DETHERM\*, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS, PIRA, PROMT, RTECS\*, SPECINFO, TOXCENTER, ULIDAT, USPAT2, USPATFULL, VTB

(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

5223 REFERENCES IN FILE CA (1907 TO DATE)  
 2566 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 5231 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 28 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> e glyceryl methacrylate/cn

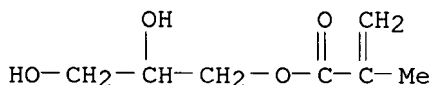
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E2	1	GLYCERYL MARGARATE/CN
E3	1 -->	GLYCERYL METHACRYLATE/CN
E4	1	GLYCERYL METHACRYLATE HOMOPOLYMER/CN
E5	1	GLYCERYL METHACRYLATE HOMOPOLYMER HYDROGEN SUCCINATE/CN
E6	1	GLYCERYL METHACRYLATE POLYMER/CN
E7	1	GLYCERYL METHACRYLATE-2-HYDROXYETHYL METHACRYLATE COPOLYMER/ CN
E8	1	GLYCERYL METHACRYLATE-GLYCIDYL METHACRYLATE COPOLYMER/CN
E9	1	GLYCERYL METHACRYLATE-HYDROXYETHYL METHACRYLATE COPOLYMER/CN
E10	1	GLYCERYL METHACRYLATE-METHACROLEIN COPOLYMER/CN
E11	1	GLYCERYL METHACRYLATE-METHACRYLIC ANHYDRIDE-PENTAERYTHRITOL- TRIMELLITIC ANHYDRIDE COPOLYMER/CN
E12	1	GLYCERYL METHACRYLATE-METHYL METHACRYLATE COPOLYMER/CN

=> e3

L8 1 "GLYCERYL METHACRYLATE"/CN

=> d 18

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN  
 RN 5919-74-4 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN 2-Propenoic acid, 2-methyl-, 2,3-dihydroxypropyl ester (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Methacrylic acid, 2,3-dihydroxypropyl ester (6CI)  
 CN Methacrylin, 1-mono- (8CI)  
 OTHER NAMES:  
 CN 2,3-Dihydroxypropyl methacrylate  
 CN Glyceryl methacrylate  
 DR 543689-70-9, 96614-21-0, 201594-54-9, 205515-17-9, 313344-18-2,  
 338445-53-7  
 MF C7 H12 O4  
 CI COM  
 LC STN Files: BEILSTEIN\*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT,  
 CHEMCATS, CHEMLIST, CIN, CSCHM, EMBASE, IFICDB, IFIUDB, MEDLINE, PROMT,  
 TOXCENTER, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: EINECS\*\*, NDSL\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

141 REFERENCES IN FILE CA (1907 TO DATE)  
40 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
141 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	16.05	232.09
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-3.12

FILE 'CAPLUS' ENTERED AT 08:22:01 ON 15 JUN 2007  
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FILE COVERS 1907 - 15 Jun 2007 VOL 146 ISS 25  
FILE LAST UPDATED: 13 Jun 2007 (20070613/ED)

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=> l8/prep

141 L8  
4417183 PREP/RL  
L9 53 L8/PREP  
(L8 (L) PREP/RL)

=> d his

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L3 265 SEARCH L1 SSS FULL  
SAVE TEMP L3 RAWFNDS/A

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L5 139554 ION EXCHANGE  
L6 4 L4 AND L5



FILE 'REGISTRY' ENTERED AT 08:18:59 ON 15 JUN 2007

E GLYCIDYL METHACRYLATE/CN

L7 1 E3

E GLYCERYL METHACRYLATE/CN

L8 1 E3

FILE 'CAPLUS' ENTERED AT 08:22:01 ON 15 JUN 2007

L9 53 L8/PREP

=> 15 and 19

L10 2 L5 AND L9

=> d 110 1-2 ti fbib abs

L10 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN

TI Preparation of polymerizable diol from ketal compound with immobilized acid catalyst

AN 2000:756657 CAPLUS

DN 133:335625

TI Preparation of polymerizable diol from ketal compound with immobilized acid catalyst

IN Holdstock, Barry Charles; Glasbey, Trevor Owen

PA Hydron Ltd., UK

SO PCT Int. Appl., 28 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

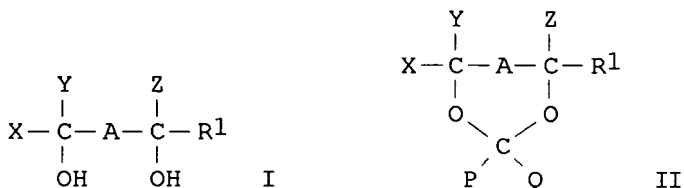
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	EP 1171411	A1	20020116	EP 2000-907794	20000303
	EP 1171411	B1	20050112		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
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				WO 2000-GB780	W 20000303
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				WO 2000-GB780	W 20000303
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				GB 1999-8808	A 19990416
				WO 2000-GB780	W 20000303
	US 2002042549	A1	20020411	US 2001-977880	20011015
				GB 1999-8808	A 19990416
				WO 2000-GB780	W 20000303

PATENT FAMILY INFORMATION:

FAN 2000:756656

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000063149	A1	20001026	WO 2000-GB765	20000303
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GB 2348878	A	20001018	GB 1999-8806	A 19990416
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US 2002042546	A1	20020411	US 2001-977881	20011015
US 6610895	B2	20030826		
			GB 1999-8806	A 19990416
			GB 1999-8808	A 19990416
			WO 2000-GB765	W 20000303

GI



AB The polymerizable monomer I (such as glycerin methacrylate) is prepared by contacting a compound II [such as (2,2-dimethyl-1,3-dioxolan-4-yl)methyl methacrylate] with an immobilized acid (such as an ion exchange resin), wherein X, Y, Z, R<sup>1</sup>, P and Q are independently selected from a hydrocarbon group or hydrogen and wherein A is (CH<sub>2</sub>)<sub>n</sub> wherein n is 0 or 1, and neutralizing the product to form crosslinking.

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ALL CITATIONS AVAILABLE IN THE RE FORMAT

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DN 133:335624

TI Preparation of polymerizable diol from ketal compound with immobilized acid  
 IN Holstock, Barry C.; Glasbey, Trevor Owen  
 PA Hydron Ltd., UK  
 SO PCT Int. Appl., 31 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000063149	A1	20001026	WO 2000-GB765	20000303
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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	CA 2367028	A1	20001026	CA 2000-2367028	20000303
				GB 1999-8806	A 19990416
				WO 2000-GB765	W 20000303
	EP 1171410	A1	20020116	EP 2000-907783	20000303
	EP 1171410	B1	20041208		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
				GB 1999-8806	A 19990416
				WO 2000-GB765	W 20000303
	JP 2002542215	T	20021210	JP 2000-612246	20000303
				GB 1999-8806	A 19990416
				WO 2000-GB765	W 20000303
	AT 284377	T	20041215	AT 2000-907783	20000303
				GB 1999-8806	A 19990416
				WO 2000-GB765	W 20000303
	US 2002042546	A1	20020411	US 2001-977881	20011015
	US 6610895	B2	20030826		
				GB 1999-8806	A 19990416
				GB 1999-8808	A 19990416
				WO 2000-GB765	W 20000303

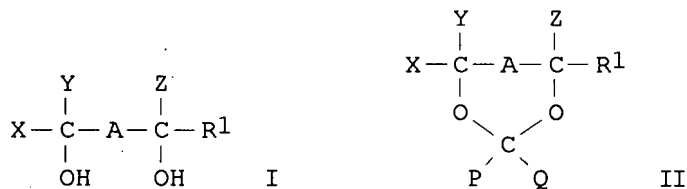
PATENT FAMILY INFORMATION:

FAN 2000:756657

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000063150	A1	20001026	WO 2000-GB780	20000303
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	GB 2348879	A	20001018	GB 1999-8808	A 19990416
	GB 2348879	B	20040331	GB 1999-8808	19990416
	CA 2367370	A1	20001026	CA 2000-2367370	20000303
				GB 1999-8808	A 19990416

EP 1171411	A1	20020116	WO 2000-GB780	W	20000303
EP 1171411	B1	20050112	EP 2000-907794		20000303
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JP 2002542216	T	20021210	GB 1999-8808	A	19990416
			WO 2000-GB780	W	20000303
AT 286869	T	20050115	JP 2000-612247		20000303
			GB 1999-8808	A	19990416
			WO 2000-GB780	W	20000303
US 2002042549	A1	20020411	AT 2000-907794		20000303
			GB 1999-8808	A	19990416
			WO 2000-GB780	W	20000303
			US 2001-977880		20011015
			GB 1999-8808	A	19990416
			WO 2000-GB780	W	20000303

OS MARPAT 133:335624  
GI



AB The polymerizable monomer I (such as glycerin methacrylate) is prepared by contacting a compound II [such as (2,2-dimethyl-1,3-dioxolan-4-yl)methyl methacrylate] with an immobilized acid (such as an ion exchange resin), wherein X, Y, Z, R<sup>1</sup>, P and Q are independently selected from a hydrocarbon group or hydrogen and wherein A is (CH<sub>2</sub>)<sub>n</sub> wherein n is 0 or 1.

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 07:45:51 ON 15 JUN 2007)

FILE 'REGISTRY' ENTERED AT 08:00:06 ON 15 JUN 2007

L1 STRUCTURE UPLOADED  
L2 12 SEARCH L1 SSS SAM  
L3 265 SEARCH L1 SSS FULL  
SAVE TEMP L3 RAWFNDS/A

FILE 'CAPLUS' ENTERED AT 08:03:01 ON 15 JUN 2007

L4 203 L3  
L5 139554 ION EXCHANGE  
L6 4 L4 AND L5

FILE 'REGISTRY' ENTERED AT 08:18:59 ON 15 JUN 2007

E GLYCIDYL METHACRYLATE/CN  
L7 1 E3  
E GLYCERYL METHACRYLATE/CN  
L8 1 E3

FILE 'CAPLUS' ENTERED AT 08:22:01 ON 15 JUN 2007

L9 53 L8/PREP

L10 2 L5 AND L9

=> dioxolane

15592 DIOXOLANE

2221 DIOXOLANES

L11 16112 DIOXOLANE

(DIOXOLANE OR DIOXOLANES)

=> 19 and 111

L12 0 L9 AND L11

=> 18

L13 141 L8

=> 113 and 111

L14 1 L13 AND L11

=> d 114 ti fbib abs

L14 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

TI 1,3-Dioxolane bearing perfume and herbicide aldehyde residues

AN 1981:497641 CAPLUS

DN 95:97641

TI 1,3-Dioxolane bearing perfume and herbicide aldehyde residues

AU Kamogawa, Hiroyoshi; Haramoto, Yuichiro; Nakazawa, Terumi; Sugiura, Harumitsu; Nanasawa, Masato

CS Dep. Appl. Chem., Yamanashi Univ., Kofu, 400, Japan

SO Bulletin of the Chemical Society of Japan (1981), 54(5), 1577-8

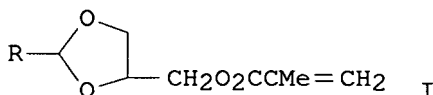
CODEN: BCSJA8; ISSN: 0009-2673

DT Journal

LA English

OS CASREACT 95:97641

GI



AB 4-Methacryloyloxymethyl-1,3-dioxolanes I substituted with perfume and herbicide aldehyde residues were synthesized either by acetalization or by transacetalization involving HOCH<sub>2</sub>CH(OH)CH<sub>2</sub>O<sub>2</sub>CMe:CH<sub>2</sub>. The effect of the 2-substituent of the dioxolane ring on the rate of hydrolysis was remarkable.

=> logoff hold

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

32.05

264.14

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-2.34

-5.46

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 08:29:05 ON 15 JUN 2007

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

\* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \*  
SESSION RESUMED IN FILE 'CAPLUS' AT 08:32:16 ON 15 JUN 2007  
FILE 'CAPLUS' ENTERED AT 08:32:16 ON 15 JUN 2007  
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	32.05	264.14
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-2.34	-5.46

=> tocopherol  
31700 TOCOPHEROL  
9858 TOCOPHEROLS  
L15 34598 TOCOPHEROL  
(TOCOPHEROL OR TOCOPHEROLS)

=> acrylate  
189963 ACRYLATE  
37128 ACRYLATES  
L16 200298 ACRYLATE  
(ACRYLATE OR ACRYLATES)

=> 115(1)116  
L17 62 L15(L)L16

=> polym?  
L18 2281865 POLYM?

=> 117(1)118  
L19 30 L17(L)L18

=> d his

(FILE 'HOME' ENTERED AT 07:45:51 ON 15 JUN 2007)

FILE 'REGISTRY' ENTERED AT 08:00:06 ON 15 JUN 2007  
L1 STRUCTURE UPLOADED  
L2 12 SEARCH L1 SSS SAM  
L3 265 SEARCH L1 SSS FULL  
SAVE TEMP L3 RAWFNDS/A

FILE 'CAPLUS' ENTERED AT 08:03:01 ON 15 JUN 2007  
L4 203 L3  
L5 139554 ION EXCHANGE  
L6 4 L4 AND L5

FILE 'REGISTRY' ENTERED AT 08:18:59 ON 15 JUN 2007  
E GLYCIDYL METHACRYLATE/CN  
L7 1 E3  
E GLYCERYL METHACRYLATE/CN  
L8 1 E3

FILE 'CAPLUS' ENTERED AT 08:22:01 ON 15 JUN 2007

L9 53 L8/PREP  
L10 2 L5 AND L9  
L11 16112 DIOXOLANE  
L12 0 L9 AND L11  
L13 141 L8  
L14 1 L13 AND L11  
L15 34598 TOCOPHEROL  
L16 200298 ACRYLATE  
L17 62 L15(L)L16  
L18 2281865 POLYM?  
L19 30 L17(L)L18

=> l13 and l19

L20 1 L13 AND L19

=> d l20 ti fbib abs

L20 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Color stabilization of ethylenically unsaturated monomers with tocopherols  
AN 2003:58045 CAPLUS  
DN 138:107598  
TI Color stabilization of ethylenically unsaturated monomers with tocopherols  
IN Schmitt, Bardo; Knebel, Joachim; Omeis, Marianne  
PA Roehm G.m.b.H. & Co. K.-G., Germany  
SO PCT Int. Appl., 39 pp.  
CODEN: PIXXD2  
DT Patent  
LA German  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003006417	A1	20030123	WO 2002-EP5376	20020516
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	DE 10131479	A1	20030206	DE 2001-10131479	A 20010629
	DE 10131479	B4	20050519	DE 2001-10131479	20010629
	AU 2002344969	A1	20030129	AU 2002-344969	20020516
				DE 2001-10131479	A 20010629
				WO 2002-EP5376	W 20020516
EP 1399410		A1	20040324	EP 2002-743030	20020516
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
				DE 2001-10131479	A 20010629
				WO 2002-EP5376	W 20020516
CN 1511136		A	20040707	CN 2002-810504	20020516
				DE 2001-10131479	A 20010629
JP 2004536179		T	20041202	JP 2003-512191	20020516
				DE 2001-10131479	A 20010629
				WO 2002-EP5376	W 20020516
US 2004186311		A1	20040923	US 2003-482278	20031229
US 7002035		B2	20060221		
				DE 2001-10131479	A 20010629
				WO 2002-EP5376	W 20020516

AB The use of at least one compound from the tocopherol group (e.g.,

$\alpha$ - tocopherol) for the color stabilization of ethylenically unsatd. monomers, particularly hydroxyalkyl(meth)acrylates (e.g., hydroxyethyl acrylate), which already contain at least one polymerization inhibitor (e.g., hydroquinone Me ether) for base stabilization or storage stabilization is described. Such color-stabilized and polymerization-inhibited monomers are preferably used in clear-coat and high-solids paints (no data).

RE.CNT 3      THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
                  ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> logoff hold

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
44.67	276.76

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
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CA SUBSCRIBER PRICE

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 08:37:01 ON 15 JUN 2007